

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings of claims in the application:

**Listing of Claims:**

1. (Previously presented) A method for fabricating an electro-optical sensor, said method comprising:
  - providing a glass substrate comprising an optically smooth top surface and an optically smooth bottom surface;
  - coating the top surface of the glass substrate with a transparent electrode;
  - applying a composition of electro-optic sensor material as a layer over the transparent electrode without using a transfer substrate;
  - applying a thin layer of adhesive over the layer of the electro-optic sensor material; and
  - applying a pellicle as a film bearing a dielectric mirror layer to the adhesive layer such that the dielectric mirror layer is substantially optically smooth against the electro-optic sensor material.
2. (Original) The method in claim 1, wherein said electro-optic sensor material is a polymer dispersed liquid crystal (PDLC).
3. (Currently amended) The method according to claim 1 wherein the ~~laminating step comprises performing the lamination~~ the pellicle is applied in a vacuum.
4. (Original) The method according to claim 3 wherein the vacuum is less than 0.8 atmosphere.
5. (Original) The method according to claim 3 wherein the vacuum is between one-half atmosphere and 0.8 atmosphere.

6. (Currently amended) The method according to claim 3 wherein the pellicle progressively engages the adhesive layer ~~during the laminating step~~ while being applied, the pellicle and the adhesive layer being disposed at an angle relative to one another.

7. (Currently amended) The method according to claim 1 wherein the pellicle progressively engages the adhesive layer ~~during the laminating step~~ while being applied, the pellicle and the adhesive layer being disposed at an angle relative to one another.

8. (Original) The method according to claim 7 wherein the vacuum is between one-half atmosphere and 0.8 atmosphere.